MediaStation HD DVR

Network Multimedia Recorder / Wireless Network Multimedia Recorder

User Guide
English

nero
Move it
Essentials

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Introduction

Thank you for choosing the new Verbatim MediaStation HD DVR Network Multimedia Recorder. This device is an all round home entertainment system enabling you to record, store, and play directly from the TV, cable/satellite set top box, DVD player or VHS player.

Enjoy your videos, music, and photographs directly from the built in hard drive, or connect any external storage device that contains you're media collection via one of the two USB Host ports. The MediaStation has network streaming functionality provided by the Ethernet port on the rear panel of the device, or alternatively make it a true wireless home theatre system via the USB Wireless Dongle * and connect wirelessly to your home network.

* Wireless LAN (USB Dongle) available with Verbatim model numbers 47541/47543

MediaStation Features

Listed below are just some of the functions the Verbatim MediaStation HD DVR has to offer:

•   Digital Analogue Tuner built in for TV (DVB-T)

•   High Definition video playback up to 1080i

•   Digitally record TV and upscale to HD during playback

•   One Touch Recording

•   Scheduled Recording

•   Electronic Program Guide (EPG)

•   Time Shift – record/play/pause/fast forward/rewind live TV

•   One Touch Copy button for photo back up from the memory card slot

•   SD/SDHC/MS Memory Card slot

•   Movie play back

•   Music play back

•   Photo Playback – slide show options with or without music

•   H.264 file playback via network or wireless network in conjunction with Transcode Server

•   Play back media from external storage devices (via USB Host ports)

•   Supports multilingual subtitles

•   Network and Wireless Network functions

•   Stream media playback via Ethernet and Wireless LAN

•   Data storage

•   External data storage via the USB Host connections

Pack Contents

MediaStation HD DVR	F connector – belling lee adaptor
Remote control (+ batteries)	Power adaptor
HDMI cable	Power cord
Component video cable	Quick Start Guide
Composite video/stereo audio cable	Quick Installation Guide
Scart adaptor – switchable IN/OUT	Nero MOVE IT software (CD ROM)
USB Mini type B to USB type A cable	User Manuals (CD ROM)
TV cable F type to Belling Lee type connector	Wireless USB Dongle *

*Contained with Verbatim model numbers 47541/47543

Precautions

1. We recommend you use all the cables and accessories that are supplied in the pack

2. We recommend you use the power adaptor and power cord supplied with is device. Using a different power adaptor and cord may damage the device and make void the warranty on this product.

3. Keep this equipment away from high humidity or any type of moisture.

4. Do not let water or any other liquid come into contact with the device. If liquid is accidentally spilled on the product use a dry cloth to soak up the liquid.

5. Do not drop or shake the device.

6. Do not press or put any weight on the device.

7. Do not clean the device with alcohol, thinner or benzene.

8. Do not power off the device while a file is playing.

9. Do not use the device if your hands are wet

10. Do not disassemble as the user's own accord.

Hard Disk Precautions

It is important to regularly backup the content of any hard drive to an alternative storage medium. Verbatim is not responsible for any loss of data. If you encounter problems with the hard drive please contact technical support.

MediaStation Details

Front Panel

1.	LCD Display	8.	Right
2.	IrDA Receiver	9.	Up
3.	SD/SDHC/MS Card Reader slot	10.	Down
4.	USB host port (USB 1)	11.	Stop
5.	Standby button	12.	One touch copy
6.	Play / Pause	13.	Record
7.	Left	14.	Return / Home
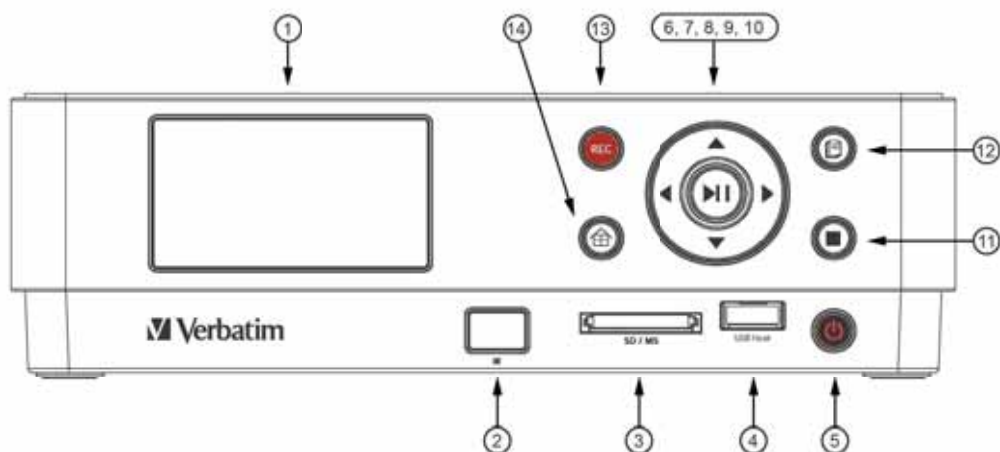
Rear Panel

1. TV out
2. TV In
3. Co-axial Output
4. Optical output
5. LAN
6. USB Host (USB 2)
7. HDMI

8. Mini B USB
9. YPbPr
10. DC-In
11. AV Out
12. AV In
13. Cooling Fan
14. Power ON/OFF
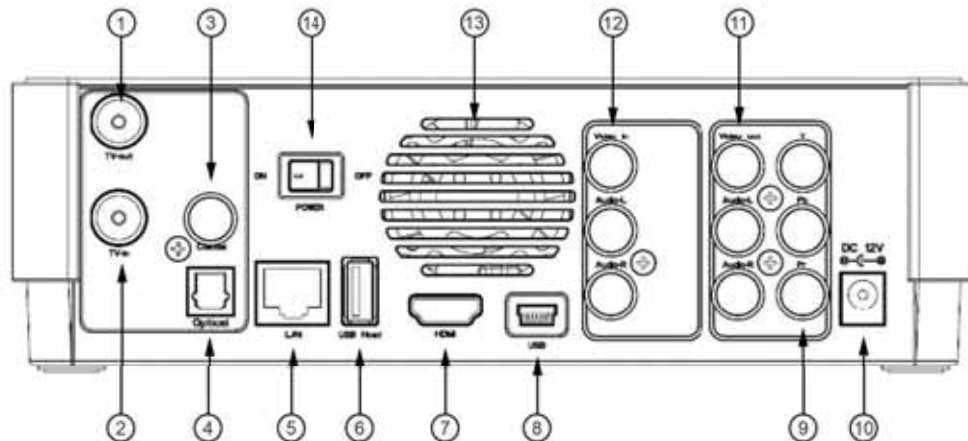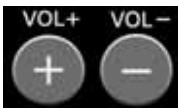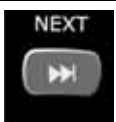
Remote Control

All procedures in this manual can be carried out using the remote control buttons. Certain functions can also be carried out using the control panel on the front of the MediaStation. See the following for details on each button and its function:

1. POWER
2. Display
3. Audio
4. Number Buttons
5. GOTO
6. Setup
7. Enter
8. Browser
9. STOP
10. PLAY
11. PREV
12. SLOW
13. Timeshift
14. REPEAT
15. ZOOM
16. SOURCE
17. EPG

18. HOME
19. REC
20. SUBTITLE
21. TIMER
22. VOL + / -
23. MUTE
24. EDIT
25. Navigation
26. RETURN
27. PAUSE
28. NEXT
29. FF / FR
30. REPLAY
31. CM SKIP
32. TV SYSTEM
33. COPY

No.	Button	Function
1	Power ⏻	**POWER button:** Press to POWER on or off.
2	DISPLAY	**DISPLAY button:** Press to display current status. Press during playback and an on screen display appears showing track number and time elapsed. Press during recording and an on screen display appears showing the recording quality setting and time elapsed.
3	AUDIO	**AUDIO button:** Press to select an audio track on a HDD or USB file.
4	Numeric buttons 1-0	**Numeric buttons:** Press to enter channel numbers or numeric input when changing settings.
5	GOTO	**GOTO button:** Press to jump to a specific point on the disc or title. Specify the point using Title, Chapter and Time.
6	SETUP	**SETUP button:** Press to access the Setup Menu directly to change system settings.
7	ENTER	**ENTER button:** Press to select confirm in the menus.
8	BROWSER	**BROWSER button:** Press to browse music, photo, and movie files on the HDD and external devices
9	STOP	**STOP button:** Press to stop playback.
10	PLAY	**PLAY button:** Press to begin playback of movie files or start a slide show.
11	PREV	**PREVIOUS button:** Press to page up the File list under the Browser menu
12	SLOW	**SLOW MOTION button:** Press to play back in slow motion. Three motion settings are available. Five slow motion levels (3/4, 1/2, 1/4, 1/8, 1/16x) are available. Press ▶ to resume regular playback.
13	TimeShift	**TIME SHIFT button:** Press to activate the timeshift function, which allows you to pause live TV and resume the program from the point you left it. While paused, the program is recorded to the HDD, as long as the space is available. Press to activate TIME SHIFT function and wait for the PLAY arrow to appear on the screen. Press ⏸ and the program is paused. Press ▶ to resume viewing the program. Timeshift mode remains active until you press the button.
14	REPEAT	**REPEAT buttons:** Press REPEAT 1 / ALL to set repeat option: Chapter, Title or Off
15	ZOOM	**ZOOM button:** Press to zoom in/out when playing back photos or Video programs. Photo zoom levels: 2X,4X,8X,16X; Video zoom levels: 2X, 3X, 4X, 8X.

16	SOURCE	**SOURCE button:** Press Source to switch the TV source between AV-In / Digital TV / Analog TV
17	EPG	**EPG button:** Press EPG to show the Electronic Program Guide. Press PREV or NEXT for switching channels, and press PLAY to confirm
18	HOME	**HOME button:** Press to view the main menu
19	REC	**RECORD button:** Press to begin recording or to resume when recording has been paused. Press repeatedly to set OTR length (30 minutes / 60 minutes / 90 minutes / 120 minutes / 180 minutes / 240 minutes / Off).
20	SUBTITLE	**SUBTITLE button:** Press to activate available subtitles when play the DIVX file. DivX subtitle supported: SRT,SMI ,SUB,SSA format file.
21	TIMER	**TIMER button:** Press to enter the Timer Menu directly to add, edit and delete recording schedules
22	VOL+ VOL−	**VOL + / - buttons:** Press to increase or decrease the volume.
23	MUTE	**MUTE button:** Press to mute audio output, and press again to resume.
24	EDIT	**EDIT button:** Press to edit file name or delete the file. In EPG mode, press EDIT button to add a program to the scheduled record list
25	ENTER	**Navigational buttons:** Press the arrow buttons to navigate the menus.
26	RETURN	**RETURN button:** Press to return to the previous screen when navigating the menus.
27	PAUSE	**PAUSE button:** Press to pause current playback. Press again to step to the next frame. Press to resume playback.
28	NEXT	**NEXT button:** Press to page down the File list under the Browser menu.
29	FR FF	**FAST REWIND / FAST FORWARD buttons:** Press to fast rewind or fast forward the current playback. Press repeatedly to select faster rewind or fast forward speeds.
30	REPLAY	**INSTANT REPLAY button.** Press to rewind 10 seconds of the current playback. Suitable for sport programs.

31		**CM SKIP button:** Press to advance 30 seconds when in playback or record mode.
32		**TV SYSTEM button:** Press to switch between NTSC Interlaced, NTSC Progressive, PAL Interlaced, and PAL Progressive.
33		**COPY button:** Press to enter the Copy File menu

Connecting the Device

To switch on the MediaStation press the rocker switch on the back of the device to **On**.

Inside the box you will find an Installation Guide that will help you connect the MediaStation to your television, other AV devices, and your PC or Notebook.

Getting Started

This section gives a short summary of the main menu options once you've connected the MediaStation to your television.

When you first connect the MediaStation to the TV and switch it on the initial start up page will appear on screen:

Within a few seconds the main menu of the User Interface will appear. There are 5 options to select from on the main menu as follows:

1. TV In

2. File Copy

3. Browser

4. Setup

5. Timer REC

These are highlighted below.

TV In

To select an input source (e.g. DTV, ATV or AV-In), select **TV in** from the main menu from where you will enter the AV-in Page.

Press **Source** on Remote Control for selecting DTV, ATV or AV-in.

File Copy

File copy lets you copy and paste files and folders between USB/Card/HDD/NET. For example you can copy data between a storage device plugged into the USB port and a memory card that's been added into the memory card slot.
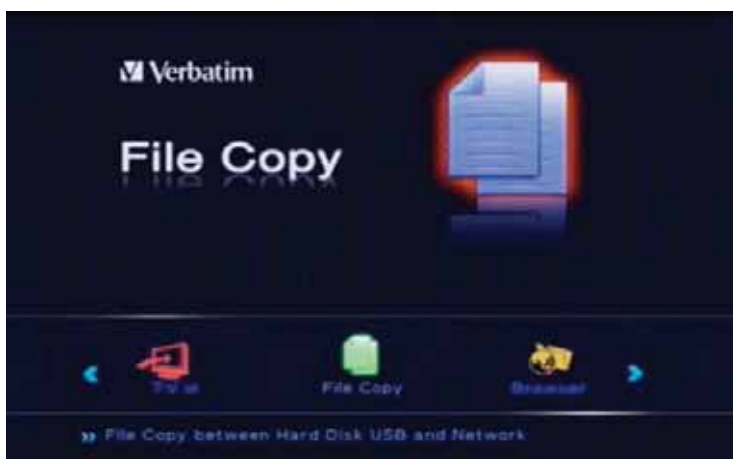
Browser

Select **Browser** from the main menu page to browse the content on the hard drive, or any other storage device connected to the MediaStation. You can browse by **Movie, Photo, Music** or **All** files stored on either a USB Device, Card Reader, HDD, or NET.

Setup

To enter the setup menu, press **Setup** on the remote control or select **Setup** from the main menu. Enter the **Setup** menu for setting TV, Audio, Video, REC, Network, System and MISC settings

Timer REC

To enter the Time Recording functions select **Timer REC** from the main menu or select **Timer** on the remote control. The **Time REC** menu allows you to create, edit, and delete recording schedules and view all schedule status and history.

Setup Menu

The Setup Menu allows you to set up the system to your local requirements and tune in the TV channels that available in your region.

Select **Setup** from the main menu or press the **Setup** button on the remote control.

Setting up your System

1. Select the **System** tab from the menu using the arrow buttons (Navigation buttons)
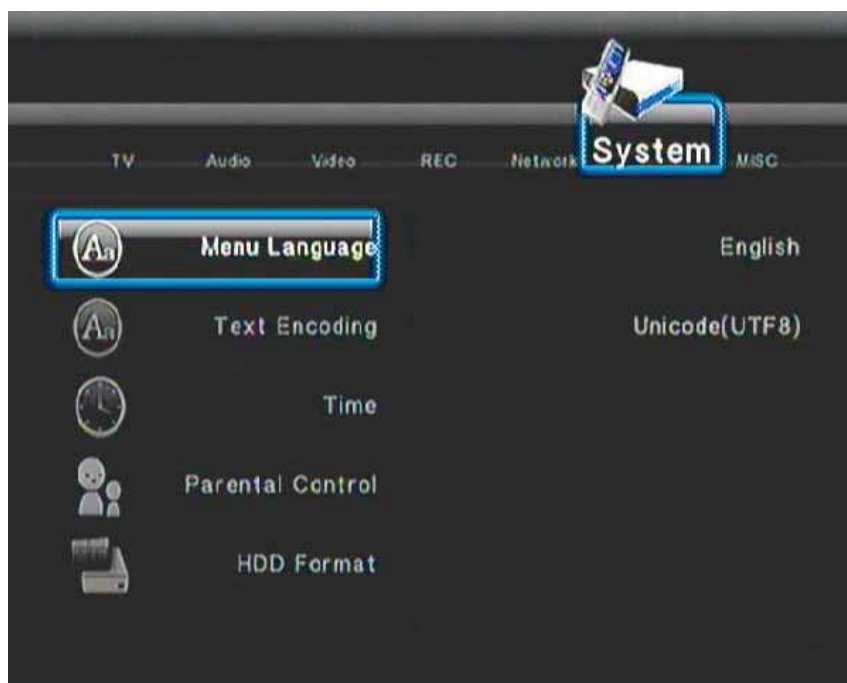
2. Use the arrow buttons to move between the sub menus, as listed below. Press the **Enter** button once the sub menu is highlighted

The sub menu details are as follows

Menu Language	Select your OSD (On Screen Display) language. There are 12 languages for you to choose from: English, French, Italian, German, Spanish, Portuguese, Polish, Swedish, Danish, Russian, Czech, and Hungarian
Text Encoding	Select to choose the text encoding languages between Unicode (UTF8), Western, Turkish, Central Europe, Greek, Cyrillic, Hebrew, SE Europe
Time	Select to set the system time between manual, Auto (via TV) or Auto (DTV) Manual: Press the Left and Right buttons to select each field and then Up and Down to adjust each setting. **Auto (via TV):** Select the time adjustment by TV **Auto (via DTV):** Select the time adjustment by DTV. Press "Enter" when finish the setting.
Parental Control	Select to set the parental control between Lock system, Region, Password, Block Unrated TV and TV Rating. This function is for DTV only. The default password is 0000
HDD Format	Select to Format HDD. The hard drive is preformatted NTFS. Note: Please back up your HDD content before re-formatting
SW Upgrade from HDD	Press to upgrade firmware. Please store the *.img file in root directory first. (Firmware upgrades may be available from time to time from Verbatim Technical Support)
Restore Default	Select to restore to factory defaults. Only the Time & Date, Language and Parental Control in the System setup page will not be restored

Setting the Video Settings

1. Select the **Video** tab from the menu using the arrow buttons (Navigation buttons). Use the arrow buttons to move between the sub menus, as listed below. Press the **Enter** button once the sub menu is highlighted

Aspect Ratio	Select to set aspect ratio. **Pan Scan 4:3:** Display a wide picture on the entire screen and cuts off the redundant portions. Select when a standard 4:3 TV is connected. **Letter Box 4:3:** Display a wide picture with two black borders on the top and bottom of 4:3 screen. Select when a standard 4:3 TV is connected. **16:9:** Compress the image to convert the whole image. Select when a 16:9 TV is connected.
Brightness	Select to set brightness levels. **1.** Press ◀ and ▶ to adjust brightness. Press **ENTER** to confirm.
Contrast	Select to set contrast levels. **1.** Press ◀ and ▶ to adjust contrast. Press **ENTER** to confirm.
DNR **(Digital Noise Reduction)**	Select DNR and press Enter. Select OFF or Auto and press Enter
TV System	Select to adjust TV system. With an HDMI cable connected the TV System will only choose HDMI Auto There are other options for 480P, 576P, 720P 50HZ, 720P 60HZ, 1080i 50Hz, 1080i 60HZ.
1080P 24HZ	Select to turn on/off for 1080P 24Hz output. Please note that if your TV system doesn't support 1080P 24Hz, you will not be able to see anything when you turn on the device.

Setting the Audio Settings

1. Select the **Audio** tab from the menu using the arrow buttons (Navigation buttons). Use the arrow buttons to move between the sub menus, as listed below. Press the **Enter** button once the sub menu is highlighted

Night Mode	Select to choose Night Mode on or off. This function reduces the maximum dynamic audio range. Select ON/OFF/Comfort. Press **Enter** to confirm.
Digital Output	Select to set Digital output types of HDMI LPCM, HDMI RAW, SPDIF LPAM, and SPDIF RAW. **RAW** data is the original bit stream and will provide a better audio output quality. **LPCM** is the default setting, and provides 2 channels audio output.

TV Tuning and Setup (DTV/CTV/Video In)

Before tuning in the device, make sure you have followed the procedure in the **Setting up Your System** section earlier in the User Manual.

Select **Setup** from the main menu or press the **Setup** button on the remote control.

Select the **TV** tab from the menu using the arrow buttons (Navigation buttons). Use the arrow buttons to move between the sub menus, as listed below. Press the **Enter** button once the sub menu is highlighted

TV Region

Select **TV Region** using the navigation buttons on the remote control and press enter. Select your TV region from the list and press Enter

TV Input

Select **TV Input** using the navigation buttons on the remote control and press enter. There are two types of TV input in the list, Antenna (Digital TV), and CATV (Analog TV). Choose Antenna to tune in DTV (Digital TV) and ATV (Analogue TV).

Channel Scan

After setting up the TV region and the TV input type you are now ready to tune in the TV channels

Select **Channel Scan** using the navigation buttons on the remote control and press enter. You can activate either an **Auto Scan** or a **Manual Scan**.

Selecting **Auto Scan** will scan the ATV and DTV channels. The ATV channels were scan first followed by the DTV channels
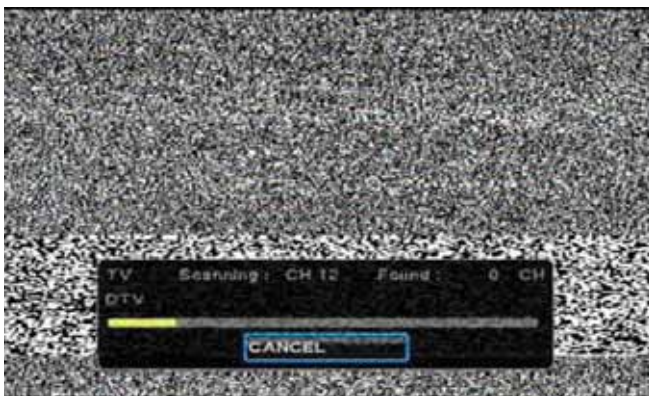
Once scanning has finished the screen will show how many TV and DTV channels were found. The OK option on the screen will be highlighted, press **Enter** to complete the process.

Manual Scanning

This function is generally for advanced users only who have access to the frequency data for certain channels.

Select the **channel number** you want to scan using the arrow buttons ◀ ▶ on the remote control. (The Bandwidth and Frequency will be selected automatically once the channel number is entered. You can manually adjust both fields if required)

The system will scan for the frequency for the channel.

Channel Set

The MediaStation lets you rename all TV program names as your wish. Please note that you can only rename in English.

Select Channel Set and press Enter. Using the arrow buttons select Cancel, TV, or DTV and press Enter

Press ▲ or ▼ to choose the channel and then press Enter. This will take you the Channel Edit window. Use the ▲▼ buttons to tab between the options.

Name: Highlight **Name** and press Enter.

Use the remote control to key in the characters or numerals. Move to **OK** and press **Enter** to complete. The program name will have changed.

Delete: Press ▶ or ◀ to choose **Yes** or **No** to hide the channel when you are switching different channels. Please note that it will not actually delete the channel.

Swap With: Press ▶ or ◀ to change the channel sequence.

Record Settings

1. Select the **REC** tab from the menu using the arrow buttons (Navigation buttons). Use the arrow buttons to move between the sub menus, as listed below. Press the **Enter** button once the sub menu is highlighted

Quality	Select to set the default recording quality between HQ/SP/LP/EP/SLP. HQ: High Quality with 720x480 resolution SP: Stand Play 640x470 resolution LP: Long Play 352x480 resolution EP: Extended Play: 352x480 resolution SLP: Super Long Play: 352x240 resolution
Permanent Time shift	Select to set the permanent time shift On or Off. This function is only for Video-In/DTV/CTV. The length of Time Shift function has been preset to 1 hour.
Record Device	Select to choose the device to store the recorded files to: HDD, USB, and Memory Card

Network Settings

Select the **NETWORK** tab from the menu using the arrow buttons (Navigation buttons). Use the arrow buttons to move between the sub menus to select either **Wired LAN Setup** or **Wireless Setup** as listed below.

Press the **Enter** button once the sub menu is highlighted

Wired LAN Setup

1. Select Wired Lan Setup and press Enter

2. Select either DHCP (AUTO) or Fixed IP (Manual) and press Enter

DHCP (AUTO)

3. Press **OK** to get the IP from your AP automatically. Please leave the DNS IP address as default if you have no alternative

Fixed IP (Manual)

4.   If using a Fixed IP you need to enter the IP address, Subnet Mask, Default Gateway. For further assistant to the above settings you may need to contact your network administrator

Wireless LAN Setup

Note: Wireless LAN is only available with Verbatim model No's 47541/47543

1.   Plug-in the Wi-Fi USB Dongle into either of the 2 USB ports. The player will detect the dongle automatically

2.   Select Wireless Setup and press Enter

3.   Choose a profile name. For example: **Connection 1**, press **Enter**

4.   Connection mode: select either **Infrastructure (AP)** or **Peer to Peer (Ad Hoc)** and press Enter. Infrastructure (AP) will detect any wireless networks available.

5.   The available networks will appear in a list. Select your network and press **Enter** to proceed.

6.   Enter the WEP key or WPA key for the network

7.   Press OK to finish the setting. The Wi-Fi signal strength is shown on the right hand side.

Note: The player with Wi-Fi dongle will only be able to recognise the WEP with Open system, and only the Key 1 will be recognisable. Also, only WPA-Personal, WPA2-Personal and WPA-AUTO Personal are recognisable for the player.

MISC Settings

1. Select the **MISCE** tab from the menu using the arrow buttons (Navigation buttons). Use the arrow buttons to move between the sub menus, as listed below. Press the **Enter** button once the sub menu is highlighted

Slide Show Timing	Select to set the frequency of changes between photos for a slide show between 2, 5, 10, 30 seconds or 1 or 2 minutes.
Transition Effect	Select to set the transition effect of photos. 1. Cross Fade - fade in and fade out 2. Left to Right- from left to right 3. Top to Bottom- from top to bottom 4. Waterfall - like a steep descent of water from a height 5. Snake – like snake motion 6. Dissolve – like water dissolve 7. Strip Left Down – like strip cover from top of left to bottom of right All Effect Shuffle – shuffle in and out
Background Music	To play a slide show with music the music files have to be located in either the same folder as the photo files, or as a playlist. The following options are available for Background music **Off:** Music will not be played during a slide show. **Folder:** Select if your photos and music files are in the same folder. **Playlist:** Select if you want to play the music from the Playlist. (To create a Playlist please refer to the **Browser Menu** section)
Screen Saver	Select to enable or disable the **Screen Saver.** Screen Saver will activate if there is no action for 5 minutes.
Movie Preview	Select to turn ON/OFF **Movie Preview.**
Resume Play	Select to turn ON/OFF to resume playback of the video once you STOP the movie

Recording and Playback

RECORDED Media List

When you record something for the first time a recorded media list is created on the storage device that you are recording to.
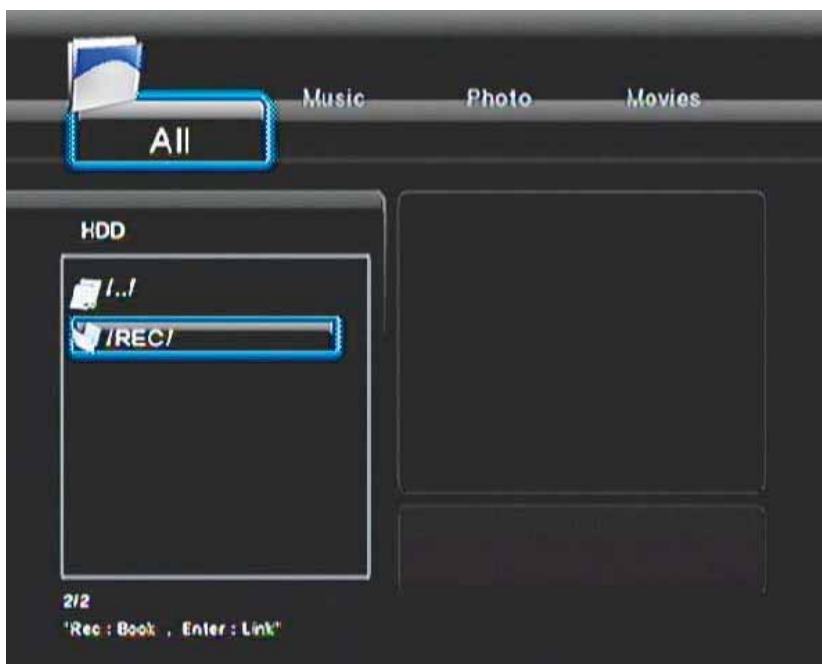
The system will automatically create a folder called **REC** on the HDD or the USB device. The recorded media list is saved in this folder and can be entered by selecting the **BROWSER** option in the main menu or pressing the **BROWSER** button the remote control. The file names are automatically allocated according to the system time.

Timer Record Menu

The **Timer REC** menu allows you to create, edit and delete recording schedules and view all schedule status and history. Select the **Timer REC** option from the main menu or press the **TIMER** button on the remote control.

Creating a New Schedule

1. Select **Edit** from the menu bar to **Add a New Schedule** and press **Enter**. The schedule setting page will appear.
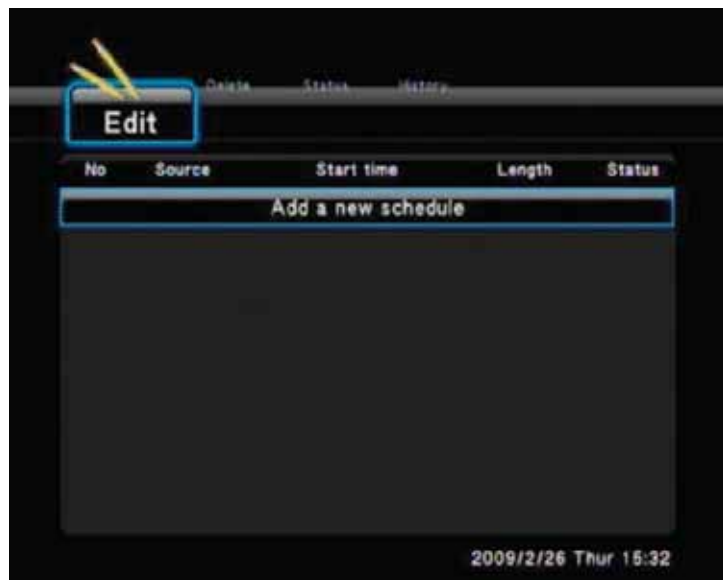
2. Press ◀ and ▶ to move the between fields and press ▲ and ▼ to adjust each settings.

Source	Press the arrow buttons to select sources. Video-IN/DTV/ATV
Start Time	Enter the date and time of the recording.
Length	Enter the length of the recording
Repeat	Select how often you want the schedule to record. Choose from Once, Everyday, Mon-Fri, Mon-Sat or for an individual day of the week.
Device	Choose the device that you want to record to. HDD/USB/USB1/USB2/CARD
Quality	Select the recording quality. Choose from HQ, SLP, EP, LP and SP. The higher the quality the more storage space is used on the hard drive. See HDD/USB Free Space on the left of the screen giving details of how long you can record for using each setting.
Nicam	Near Instantaneous Companded Audio Multiplex. Select this function on/off for multiplex audio channels.

Note: the highest quality recording option for DVT is **SP**. DVT signal are MPEG-2 format which have a quality of SP. The highest quality is available via ATV and Video Modes

EPG Recording (Electronic Program Guide)

You can set programs to record through the EPG (Electronic Program Guide). Enter DTV and press the EPG button on the remote control. On screen you will see the EPG. The **Channel** Listing and **Date/Time** listing will appear across the top section of the screen. The program and time listing will appear below this.

Select the channel by using the **NEXT / BACK** buttons on the remote control. The preview screen will show the current program showing on that channel.

Select the **date/day** and the **program** you want to record using the **NAVIGATION** buttons on the remote control.

Once you have highlighted the correct program press the **EDIT** button on the remote control

After pressing the EDIT button the following message will appear on screen **Add a new Schedule.** This shows that the program has been set for recording. The program will automatically record to the hard drive however you can change the destination by using the **Edit Schedules** option under the Time **REC** menu (See details below)

Note: If you switch the MediaStation off via the rocker switch on the back of the device programmed recordings will not work

Editing Schedules

1. Select **Edit** from the menu bar and then select the schedule from the list which you want to change. Press ENTER on the remote control
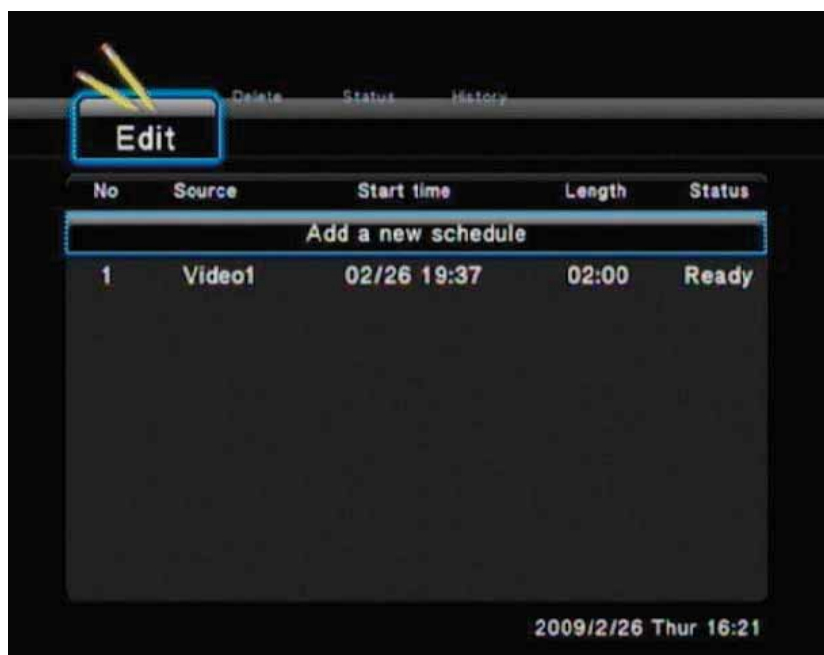
2. Modify the schedule as described in **Creating a New Schedule** in the section above.

Deleting Schedules

1. Select the Delete tab from the menu bar
2. Select the schedule which you want to delete and press Enter on remote control. A confirmation message appears
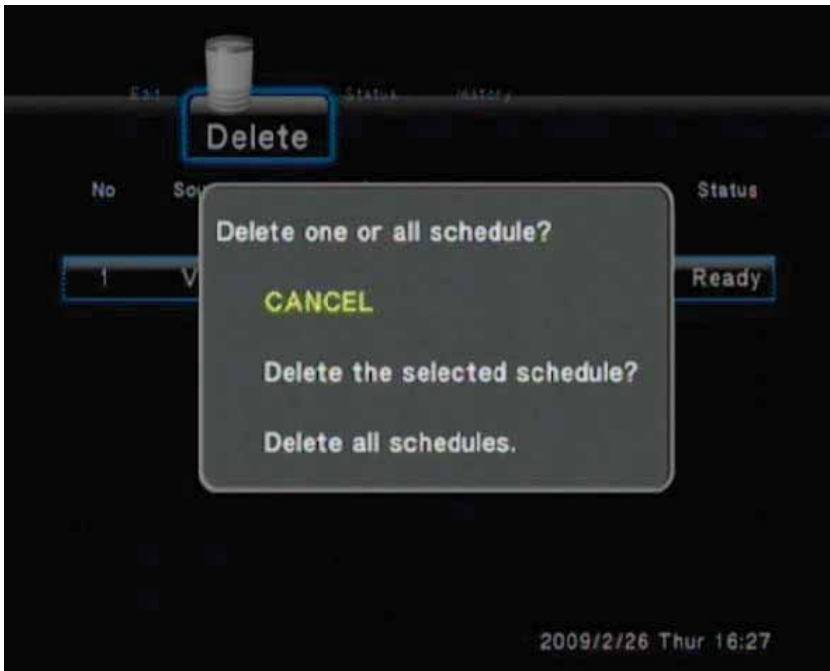
3. Select CANCEL or Delete the selected schedule or Delete all schedules
4. Press Enter to confirm

Viewing Schedule Status

1. Select the Status tab from the menu bar. The schedule list is displayed
2. Select a schedule from the list and press Enter
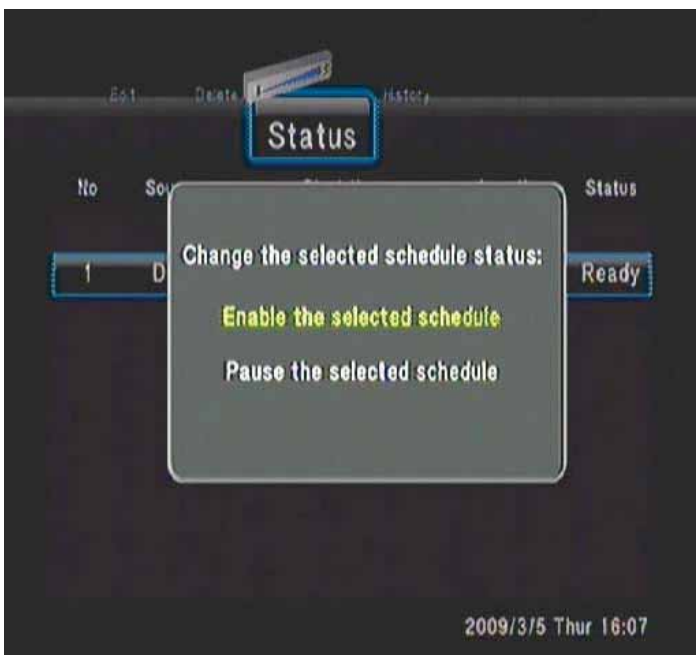
3. Select Enable the selected schedule or Pause the selected schedule
4. Press Enter to confirm.

Viewing Recorded History

1. Select the **History** tab from the menu bar.

You can view your recorded history in this menu
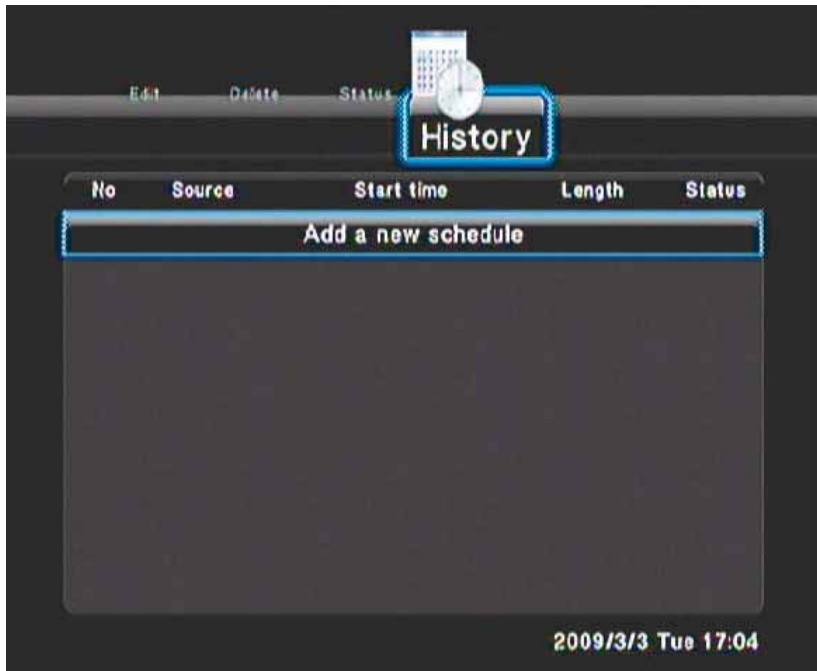
One Touch Record

You can start recording a program at any time by using the RECORD button on the remote control or the front of the MediaStation.

Press to begin recording or to resume when recording has been paused.

Press repeatedly to set OTR (One Touch Record) length (30 minutes / 60 minutes / 90 minutes / 120 minutes / 180 minutes / 240 minutes / Off)

Time Shift Recording

Press the **TIME SHIFT** button on the remote control to activate the Time Shift function. This allows you to pause live TV and resume the program from the point you left it. While paused, the program is recorded to the HDD, as long as the space is available.

Press to activate TIME SHIFT function and wait for the PLAY arrow to appear on the screen.

Press [image] and the program will be paused.

Press [image] to resume viewing the program.

Time Shift mode remains active until you press the [image] button.

Browser Menu

Select **Browser** from the main menu or press the **Browser** button on the remote control to browse the content on the hard drive, or any other storage device connected to the MediaStation. You can browse by **Movie, Photo, Music** or **All** files stored on a USB Device, Card Reader, HDD, and NET.

There are 2 USB host connections on the MediaStation; one on the front of the device and one on the back. Plug in any USB Drive directly into the port, or external storage device (Verbatim Portable Hard Drive) using a USB2.0 cable.

Creating a Playlist

Playlist's can only be created with music files from the built in hard drive. In **Browser** select the **Music** tab and choose the folder where your music files are stored. Highlight each file you want adding to the playlist by pressing the **REC** button on the remote control. A red 'tick' will appear at the side of the file name indicating that the file has been selected. Once you have selected all the files you want in the playlist press **Enter**. The files are now copied into the Playlist folder. Select the folder to playback the play list.

Browsing All

Select the **All** tab by using the left/right buttons on the remote control. All directories and supported content will be displayed from the storage device you have selected.

Press ▲ and ▼ to select the folder or files you want to play and press Enter

Browsing Music

Select the **Music** tab by using the left/right buttons on the remote control. All directories and supported audio files will be displayed from the storage device you have selected.

Press ▲ and ▼ to select the file you want to play and press Enter

Browsing Photos

Select the **Photo** tab by using the left/right buttons on the remote control. All directories and supported image files will be displayed from the storage device you have selected.

Press ▲ and ▼ to select the photo you want to display and press Enter

While browsing a photo you can press ◀ or ▶ to rotate a photo. You can also use the Zoom function to zoom in and out on the photo. Use the Zoom button the remote control. Three zoom levels are available.

One Touch Copy button

On the front of the MediaStation is a One Touch Copy button to enable fast copy of photos from the SD/SDHC/MS memory card to the hard drive.

Insert the card into the memory card slot and press the button. Photo's are copied across and automatically saved in a folder called PHOTOBANK.

Browsing Movies

Select the **Movies** tab by using the left/right buttons on the remote control. All directories and supported video files will be displayed from the storage device you have selected.

Press ▲ and ▼ to select the movie files you want to play. When you highlight the video file the movie will start to play in the preview pane. Press Enter to play the movie in full screen mode.

This browsing movies function supports High Definition Video (720P, 1080i) Playback

For example: MPEG1 (DAT, MPG), MPEG2 (VOB, MPG, TS), and MPEG4 (AVI, DIVX, XVID)

Browsing content via the Network (NET)

To browse content via the network make sure you have set up a network connection. Details on how to do this can be found in **Changing Network Settings** section.

My Short Cuts

Links that you set up to networked devices can be stored as shortcuts. These links are saved in **My Shortcuts** folder. Use the links to get quicker access to LAN (local area network) devices.

Connecting to a Network Device

The devices that are connected to the network will appear in a range of folders under the **NET** menu option. See the example below. The names of the folders will depend on the network(s) you are connected to.

Please note: Depending on the network environment you are working in, the location of the devices that you have access to may vary. For example your PC/Notebook may be located in My Neighbors or in WORKGROUP

Select the folder and press enter
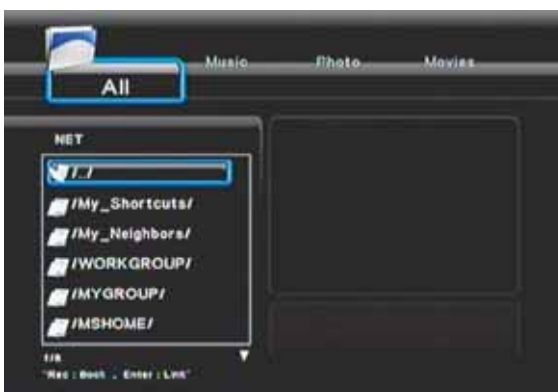
Select the path (Device name) for the device and press Enter. Following this you will be prompted for the **Net User ID** and **Net Password**
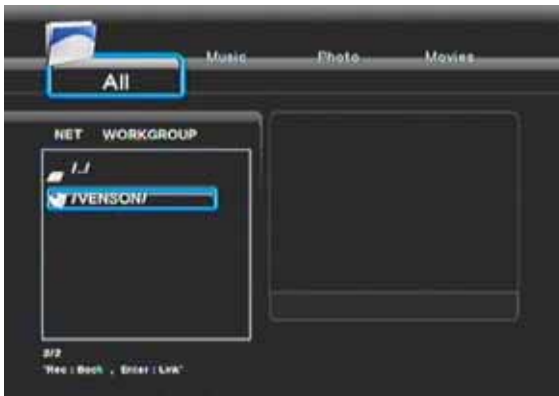
Enter the **User ID** and the **Net Password** by highlighting each field and pressing enter. This will bring up keypad menu.

The Net User ID and password are typically your OS (Operating System) login name and password. If you're shared PC doesn't have a password please leave it blank.
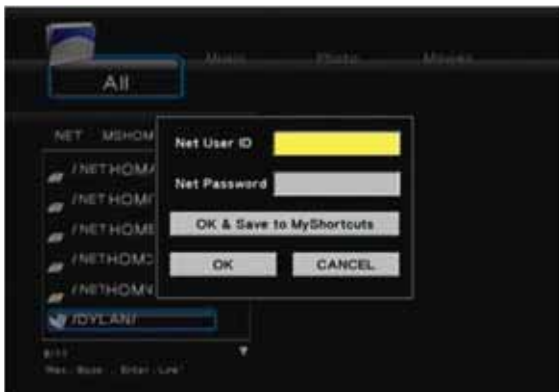
After typing in Net User ID press OK on the key pad. Follow the same procedure for the Net Password.

Finally, scroll to OK and press Enter to finish the setting.

You can save to **My Shortcuts** by selecting **OK & Save to My Shortcuts,** and pressing Enter

You will now be able to see all the folders files on the device. Select the file you want to play and press Enter

File Edit Menu

You can delete and change the name of folders and files under the Browser Menu to suit your requirements. When navigating folders and files highlight the folder or file and press the **Edit** button on the remote control. A sub menu will pop up with three options: **Return, Rename,** and **Delete**.

Return	Select to return to the main screen.
Rename	To rename a file do the following: 1. Press ▲ and ▼ on the remote control to select the Rename tab and press Enter. This will bring up key pad menu. 2. Use the navigation buttons and type in the name you require. Press Enter after each letter or number is selected. 3. Once you have entered the new name, select OK and press Enter to confirm all changes. If you want to cancel during the process press the Return button on the remote control

Delete	To delete a title, do the following: 1. Press ▲ and ▼ on the remote control to select the Delete tab and press Enter. 2. Select OK and press Enter to confirm deletion.
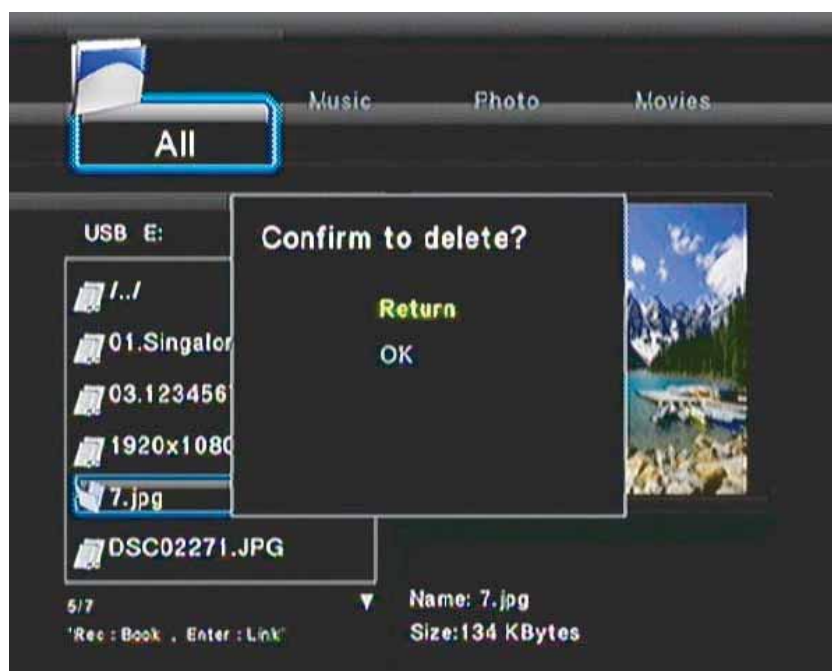
File Copy Menu

You can copy or move files from different storage locations (USB / CARD / HDD / NET) to each other. For example you can copy a file that is located on your USB device to the hard drive of the MediaStation.

Select **File Copy** from the main menu or press the **Copy** button on the remote control

Follow the procedure below to copy or move a file from one location to another.

1. Select the Source device: Press ▲ and ▼ to select the device from which you want to copy from

2. Press ▶ to select Destination Device. (Press ◀ to return)

3. Select the Destination device: Press ▲ and ▼ to select the device you want to copy too
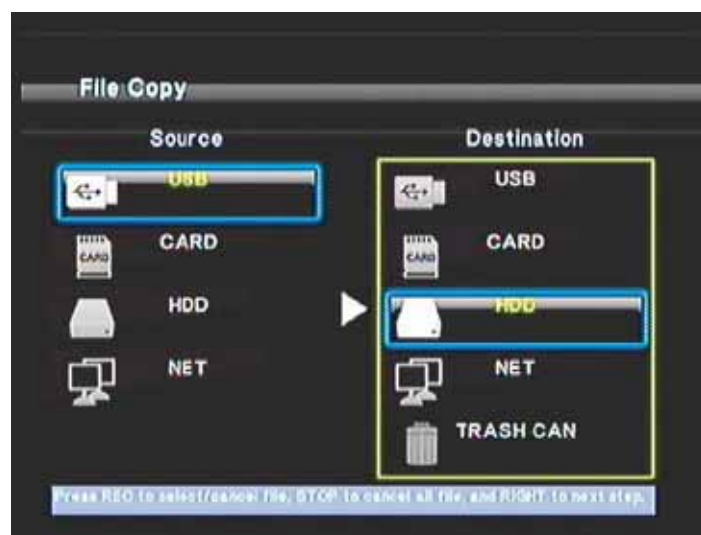
4. Press ► to next step. (press ◄ to return)

5. At the **Source** sector, press ▲ and ▼ to highlight the folder or files that you want to copy. Then press the record button on the remote control ⬤. The following symbol   will appear at the side of your selection. (see example below)
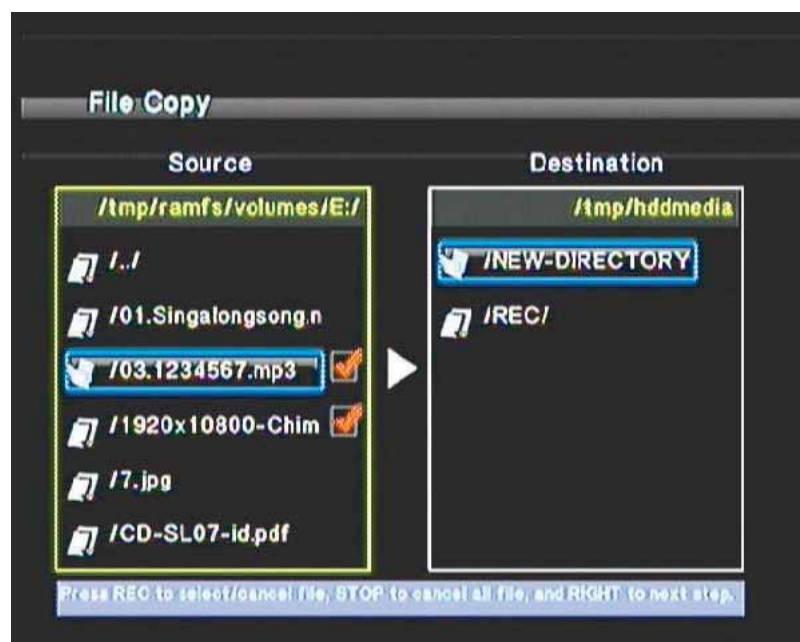
6. Then press ► to next step. (press ◄ to return)

7. At the **Destination** sector, press ▲ and ▼ to select the folder of destination.

Note: If you are copying or moving a file to a location other than the internal hard drive you will need to press Enter at the route to enter the folder structure

8. Then press ▶ to next step. (press ◀ to return) The following popup menu will appear:
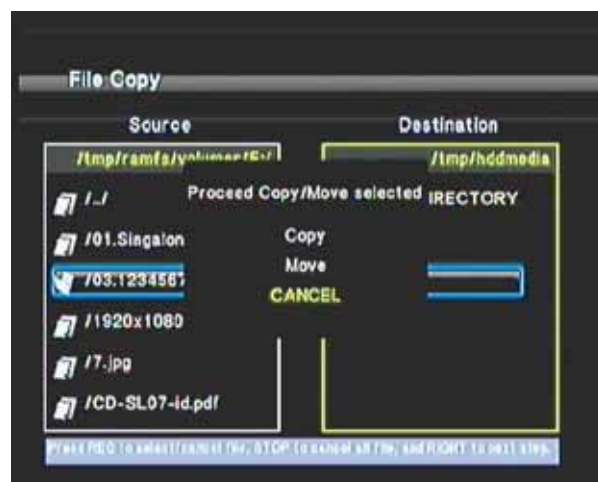
9. Select Copy or Move to copy/move the file. Select Cancel to exit

The screen will show the file being copied or moved. Once completed the system will display; File Copy Completed. If the file did not copy successfully the system will display File Copy failed

Once the file copy has been completed select OK to browse files or select No

Utilities

Transcode Server

Hi definition files such as H.264 files can be played back using **Transcode Server** on your PC or Notebook via your network or wireless network

Other file types can also be played in the same way including RM, RMVB, and WMV

Please follow the instructions to install the software.

Step 1:

Insert the CD and copy the Transcode Server to the designated directory.

Double click to run the program. Transcode Server will then automatically install.

Step 2: Next

Step 3: Browser folder
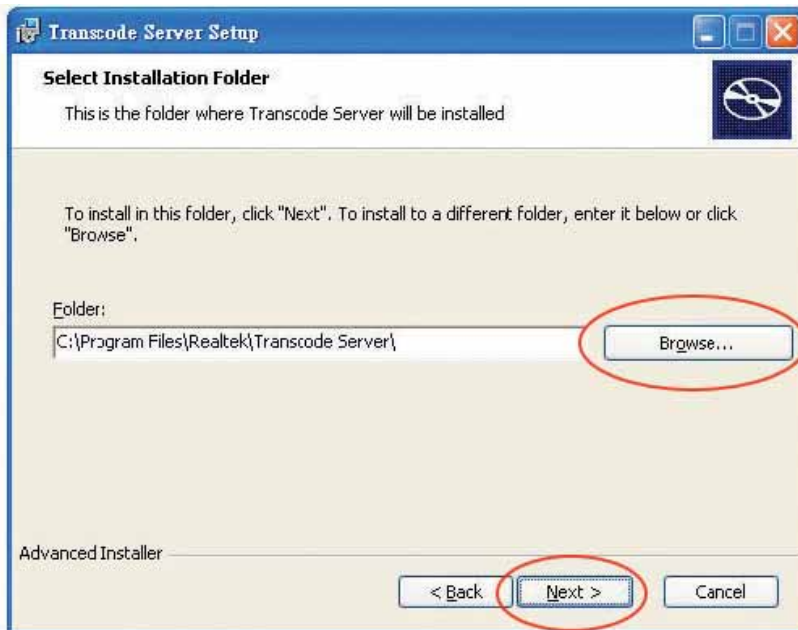
Step 4: Install
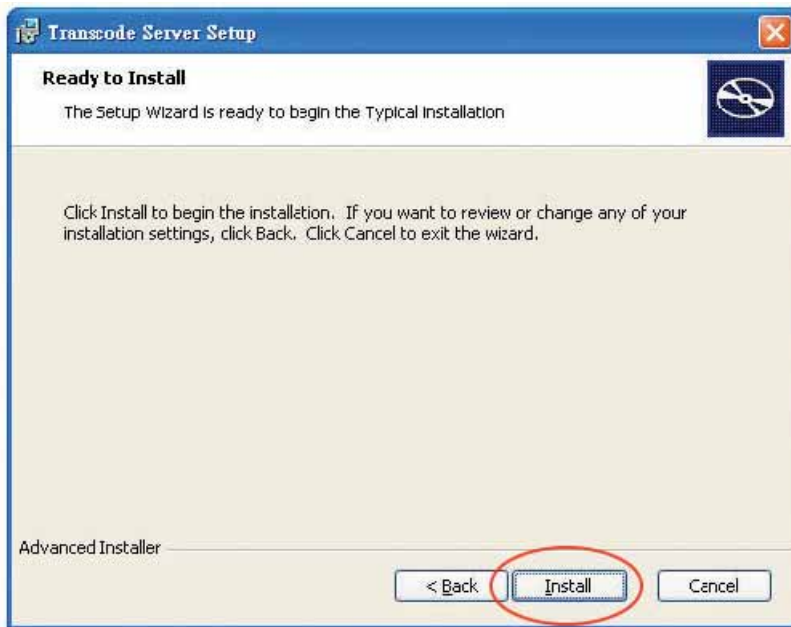
Step 5: Copying new files
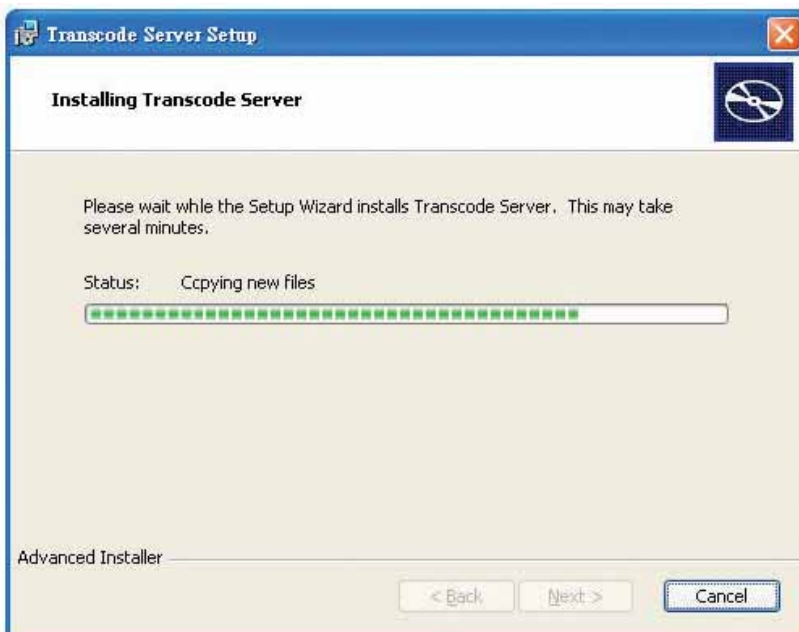
Step 6: Finish. You can start use the software.

Run the software

Step 1: Double click to run the program.

Step 2: Transcode Status: Transcoding information.
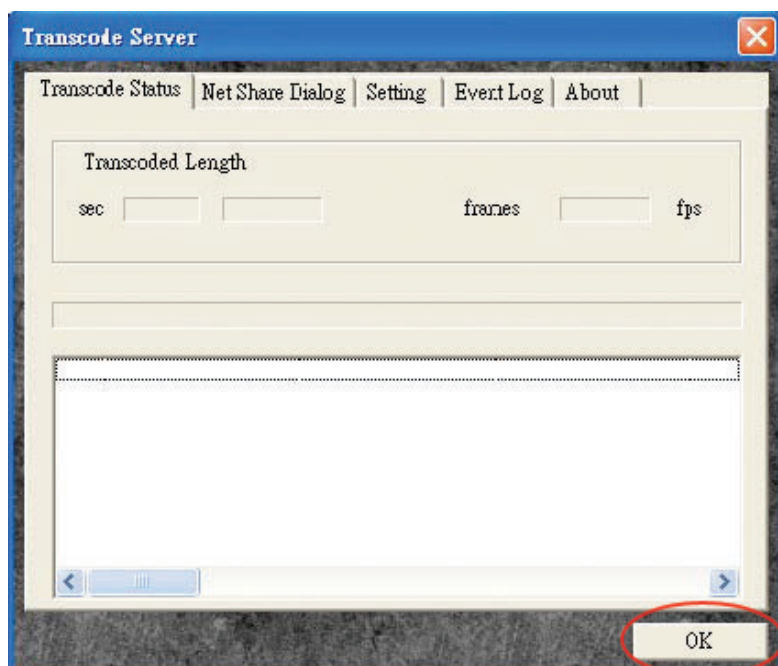
Step 3: Net Share Dialog:

Add your files on your PC or Notebook (RM, RMVB, WMV, H.264...) to enable real-time streaming playback via the network or wireless network.

To add files you will need to set the **Sharing Properties** of the folder that contains your files to Share this Folder.Once this is completed you can add the files to the Transcode Server.

The files will now be visable on the MediaStation via the **Net** option under the **Browser** menu
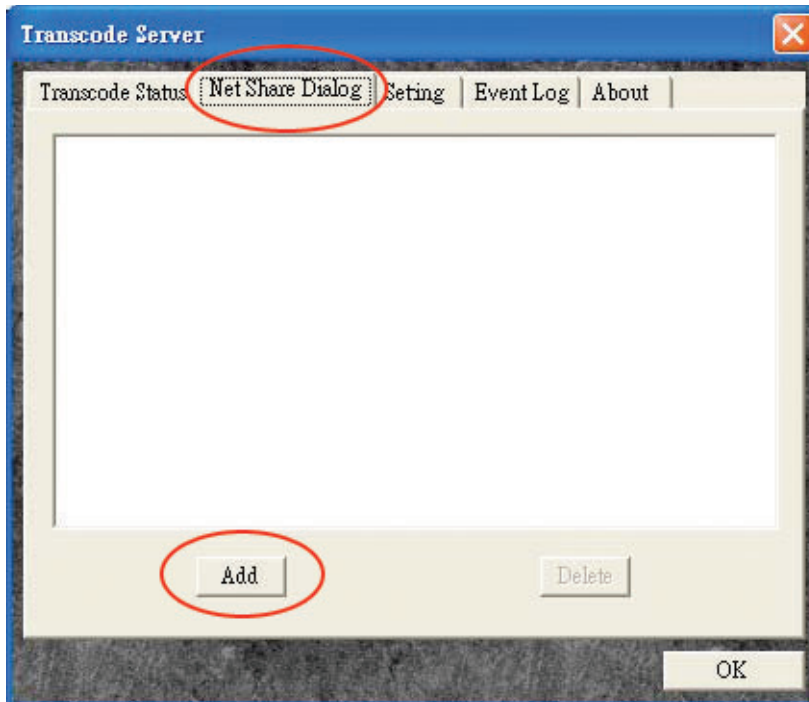
Setting: Auto Run System Starup Yes or No

Nero Move it Essentials Software

The MediaStation HD DVR comes with Nero Move it Essentials software providing automatic file conversion. Transfer media files from one device to another using Move It and get instant playback compatibility.

Specification / Video Recording Time and Capacity

Product Specification	HDD Type	3.5" SATA	
	Capacity	Available: 500GB / 640GB / 1TB	
	HDD Format	NTFS	
	Product Dimensions	210 x 64.5 x 162mm (WxHxD)	
	Output	HDMI Component Video Output Composite (AV) Optical Coaxial Digital Audio DVB-T/Analogue (TV Out)	
	Input	Composite (AV) DVB-T/Analogue (TV In)	
	Interfaces	SD/SDHC/MS Memory Card Slot USB Host (Type A) x 2 LAN x 1 (Ethernet) USB Device (Type C)	
	LCD Display	60 x 32.6mm. White text on blue background	
	Power	12V DC On/Off Rocker Switch. Stand by button	
	User Interface Language Set	English, French, Italian, German, Spanish, Polish, Portuguese, Bulgarian, Croatian, Russian, Danish, Swedish	
	TV System	Standard: NTSC & PAL Resolution: up to 1080i	
Media Play Back Support	File Format	Audio	MP3, WMA, WAV7/8, OGG, AAC
		Video	MPEG-1 (.dat.mpg.mpeg.iso.vob), MPEG-2 (.mpg.mpeg.ifo.vob.iso.ts), MPEG-4 (.avi.mkv.XviD.) DIVX 3/4/5/6/ (.avi.mkv) MP 4 AVC (H.264) via supplied Transcode Server
		Photo	JPG. JPEG, BMP
	Recording Features	One Touch Record	Record to HDD only
		Recording	HDD/USB Host/Memory Card
		Time Shift	HDD only
		Schedule Recording	Create, Edit, Delete recording schedules
		Recording Quality	HQ / SP / LP / EP / SLP
Network Feature	Ethernet	10/100Mbps	
	Wireless LAN	IEEE 802.11 b/g, up to 54Mbps	

VIDEO RECORDING MODE				
Mode	**DVD**	**80 GB HDD**	**120 GB HDD**	**160 GB HDD**
HQ	1hr	16hrs	24hrs	33hrs
SP	2hrs	32hrs	48hrs	66hrs
LP	3hrs	48hrs	72hrs	99hrs
EP	4hrs	64hrs	96hrs	132hrs
SLP	6hrs	96hrs	144hrs	198hrs

Formatting the hard disk

The hard drive inside the MediaStation comes preformatted NTFS format.

You can re-format the hard drive by selecting **Setup** from the main menu, or pressing the **Setup** button on the remote control. Select **System** from the sub menu and then scroll down to **HDD Format.**

The following Warning window will appear.

Highlight the **OK** tab and press **Enter** to go to the next step. Alternatively select **Cancel** to return.

If you have selected OK please follow the format procedure accordingly.
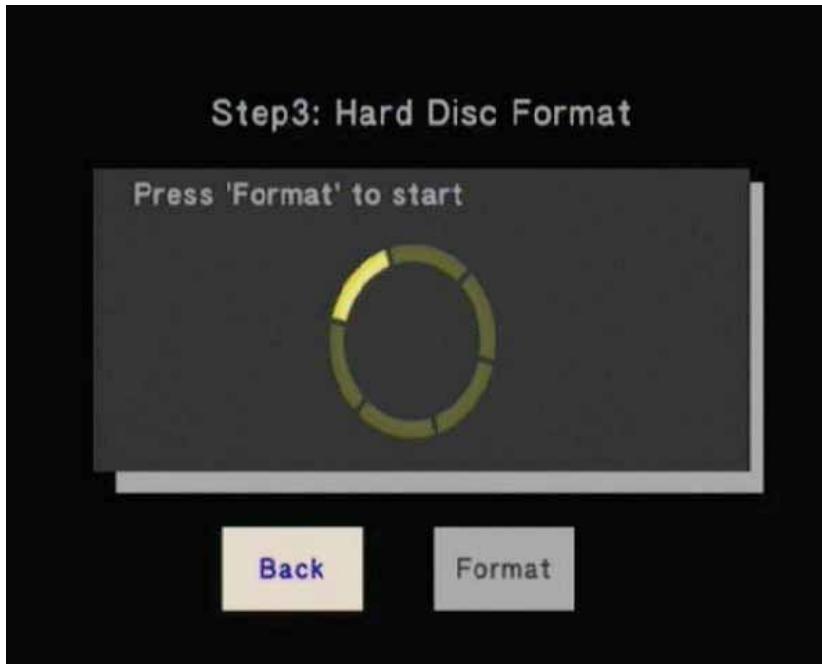
Step 1: Adjust the capacity for time shift buffer accordingly

1. Press ▲ and ▼ to increase or decrease the size of buffer. The maximum buffer is 4 hours.

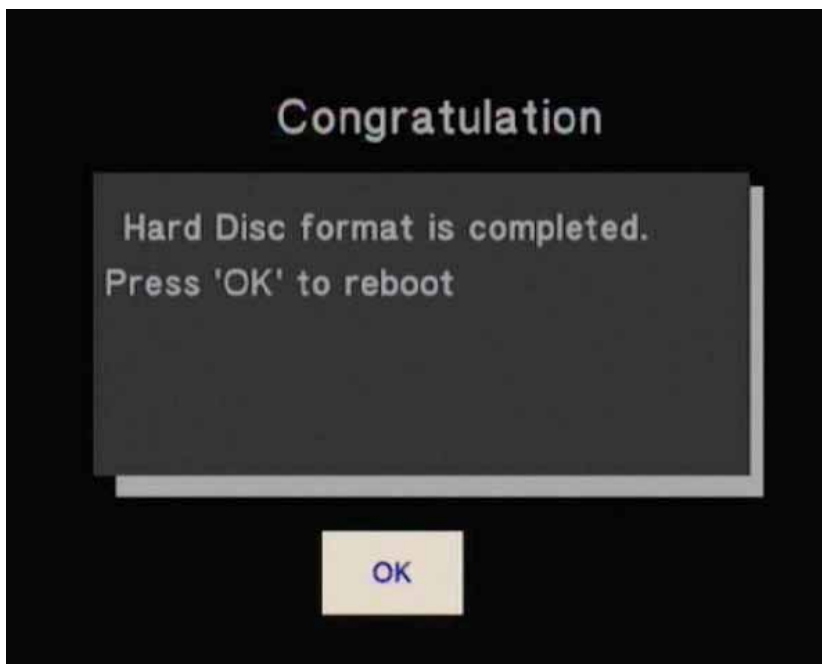2. Select **Next** for the next step or **Back** to return.

Step 2: Hard disk format

1. Select **Format** to format the hard drive or **Back** to return.

2. Press **Enter** to confirm

Step 3: Congratulation page

Once formatting is completed the system will display the congratulation page. Select **OK** to confirm and exit

Technical Support

If you are experiencing difficulty installing or using your Verbatim product, please visit the main Verbatim Technical Support website at www. verbatim-europe.com. From this page you can access our library of user documentation, read answers to frequently asked questions, and download available software updates. Although most of our customers find this content sufficient to put them back on the right track, this page also lists ways in which you can contact the Verbatim Technical Support Team directly.

Europe: For technical support in Europe e-mail drivesupport@verbatim-europe.com or call 00 800 3883 2222 in the following countries: Austria, Belgium, Denmark, Finland, France, Germany, Hungary, Italy, Luxemburg, Monaco, Netherlands, Norway, Poland, Portugal, Republic

of Ireland, Spain, Sweden, Switzerland and the United Kingdom. All other countries call +353 61 226586.

Limited Warranty Terms

Verbatim Limited warrants this product to be free from defects in material and workmanship for a period of 2 years from date of purchase. This warranty excludes batteries. If this product is found to be defective within the warranty period, it will be replaced at no cost to you. You may return it with your original cash register receipt to the place of purchase or contact Verbatim.

In the following European countries, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Luxembourg, Monaco, Netherlands, Norway, Poland, Portugal, Republic of Ireland, Spain, Sweden, Switzerland, and the United Kingdom call 00 800 3883 2222. All other European countries call +353 61 226586. You can email drivesupport@verbatim-europe.com.

Product replacement is your sole remedy under this warranty, and this warranty does not apply to normal wear or to damage resulting from abnormal use, misuse, abuse, neglect or accident, or to any incompatibility or poor performance due to the specific computer software or hardware used. VERBATIM WILL NOT BE LIABLE FOR DATA LOSS OR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, HOWEVER CAUSED, FOR BREACH OF WARRANTIES OR OTHERWISE. This warranty gives you specific legal rights and you may also have other rights which vary from state to state or country to country

WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local municipal household waste disposal service or shop from where you purchased the equipment.

CE Declaration
EC DECLARATION OF CONFORMITY

It is hereby declared that this product complied with the essential protection requirements of Council Directive 89/336/EEC and its amendments on the approximation of the laws of the Member States relating to electromagnetic compatibility.

This declaration applies to all specimens manufactured identical to the model submitted for testing/evaluation.

EN 55022: 1998 + A1: 2000 +A2: 2003

EN 61000-3-3:1995 + A1: 2001

EN 55024: 1998 + A1: 2001 + A2: 2003

IEC 61000-4-2: 1995 + A1: 1998 + A2: 2000

IEC 61000-4-3: 2002 + A1: 2002

IEC 61000-4-4: 1995 + A1: 2000 + A2: 2001

IEC 61000-4-5: 1995 + A1: 2000

IEC 61000-4-6: 1996 + A1: 2000

IEC 61000-4-8: 1993 + A1: 2000

IEC 61000-4-11: 1994 + A1: 2000

RoHS Compliance

This product is in compliance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND

(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.